

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019029.D
 Acq On : 22 Oct 2020 16:00
 Operator : JC/SP
 Sample : L4417-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Quant Time: Oct 23 08:33:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	281230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	489919	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	473673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172372	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
35) Dibromofluoromethane	5.46	113	150934	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	8.70	98	607866	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.12	95	223331	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds

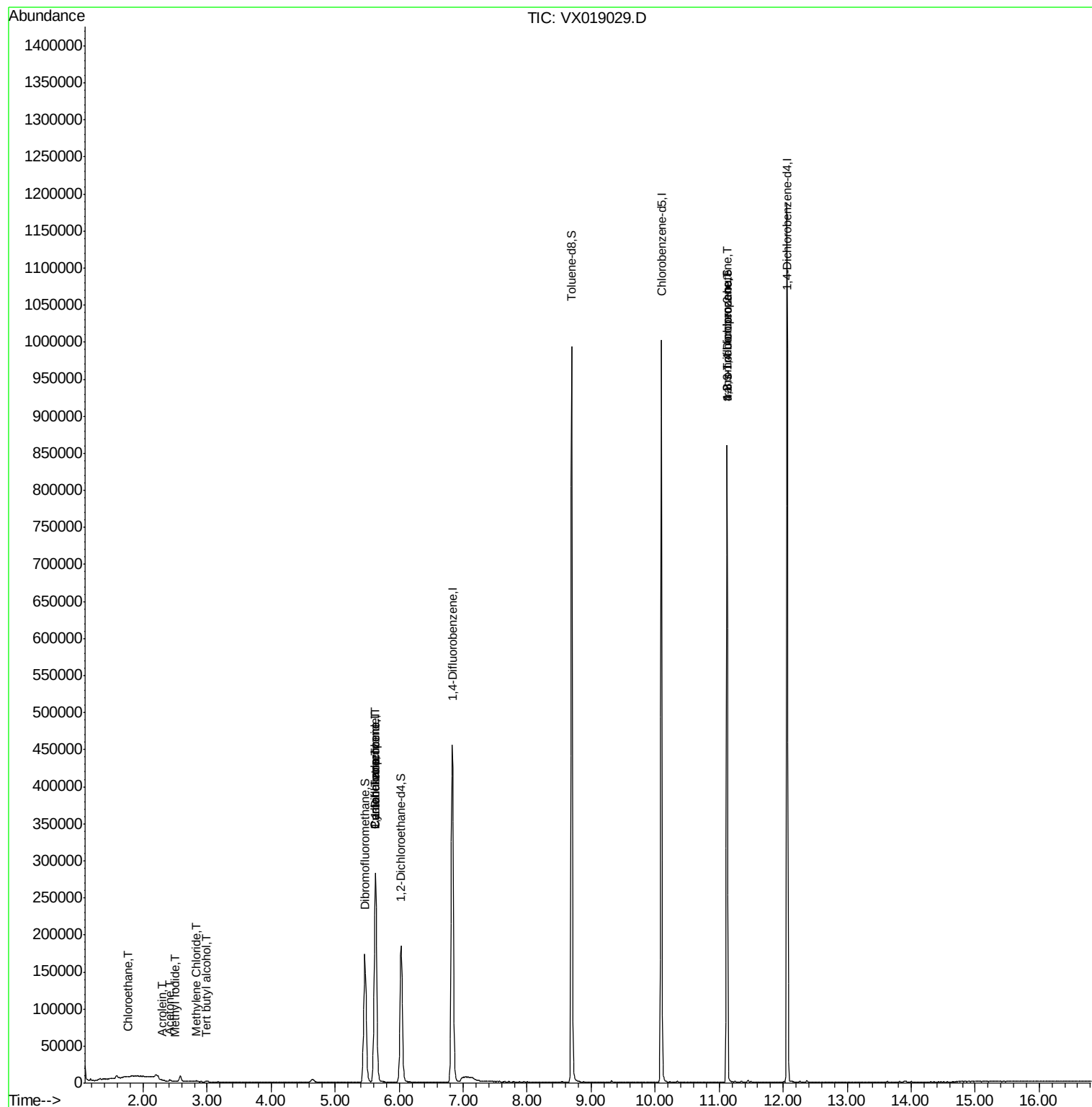
						Qvalue
5) Bromomethane	1.64	94	195	Below Cal	#	45
6) Chloroethane	1.76	64	7089	3.747	ug/l #	60
10) Methyl Iodide	2.50	142	169	4.811	ug/l #	42
11) Tert butyl alcohol	3.00	59	471	0.690	ug/l #	73
13) Acrolein	2.30	56	107	14.018	ug/l #	59
16) Acetone	2.42	43	2262	1.971	ug/l	90
20) Methylene Chloride	2.83	84	651	0.204	ug/l #	79
31) Cyclohexane	5.63	56	5653	1.433	ug/l #	20
36) 1,1-Dichloropropene	5.62	75	20989	4.775	ug/l #	48
38) Carbon Tetrachloride	5.63	117	28383	6.151	ug/l #	15
76) 1,2,3-Trichloropropane	11.12	75	111396	22.913	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	111396	58.376	ug/l #	15

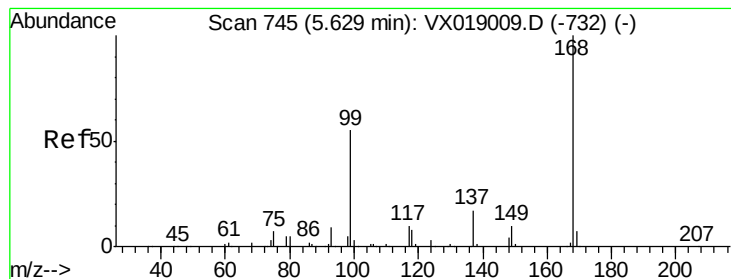
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102220\
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Time: Oct 23 08:33:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019029.D

Acq: 22 Oct 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

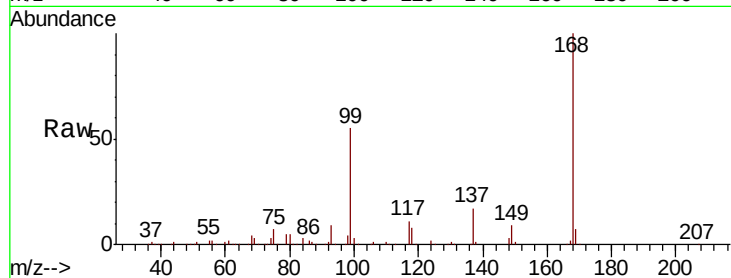
MW-12

Tot Ion:168 Resp: 281230

Ion Ratio Lower Upper

168 100

99 54.9 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

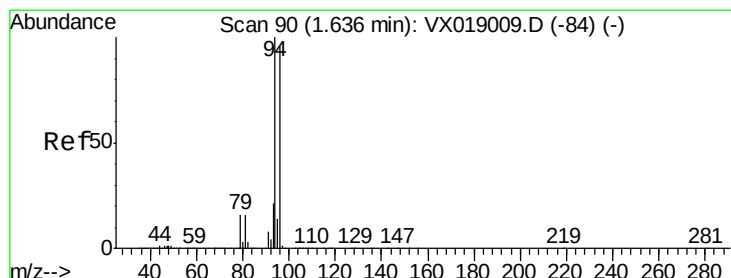
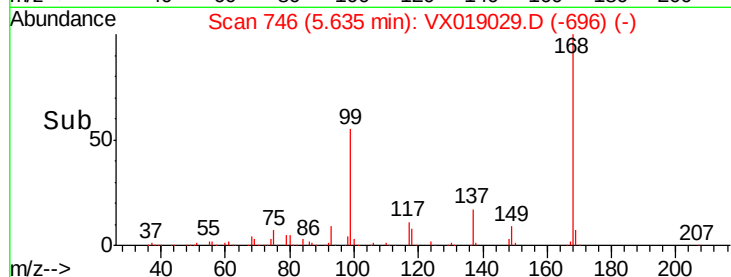
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX019029.D

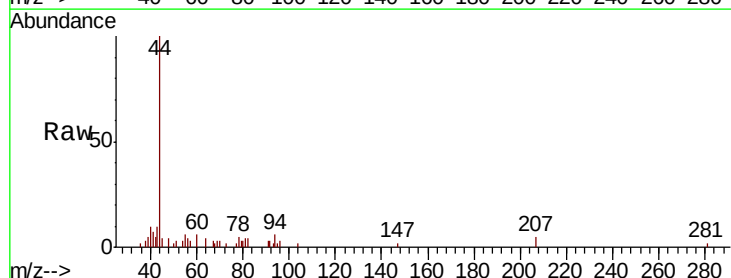
Acq: 22 Oct 2020 16:00

Tgt Ion: 94 Resp: 195

Ion Ratio Lower Upper

94 100

96 42.3 77.1 115.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

200

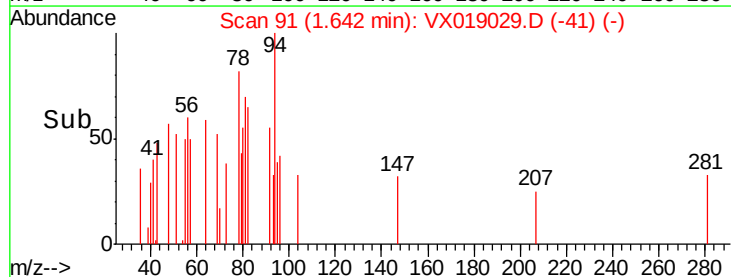
150

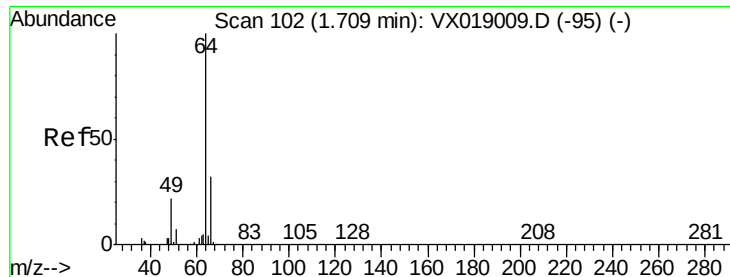
100

50

0

Time-->





#6

Chloroethane

Concen: 3.747 ug/l

RT: 1.76 min Scan# 110

Delta R.T. 0.05 min

Lab File: VX019029.D

Acq: 22 Oct 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

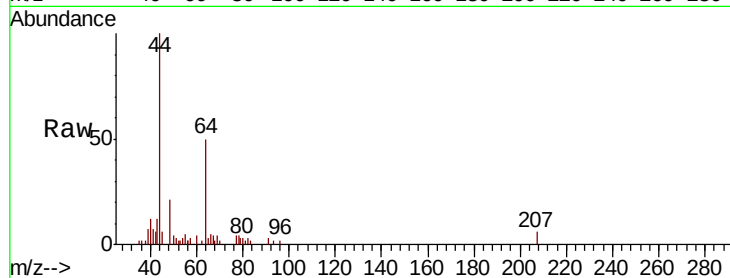
MW-12

Tot Ion: 64 Resp: 7089

Ion Ratio Lower Upper

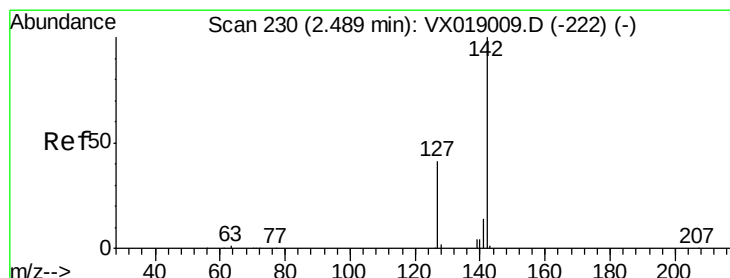
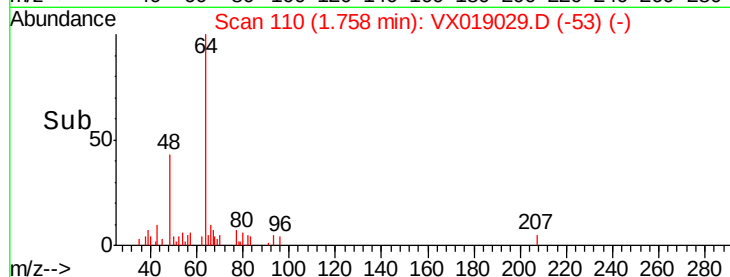
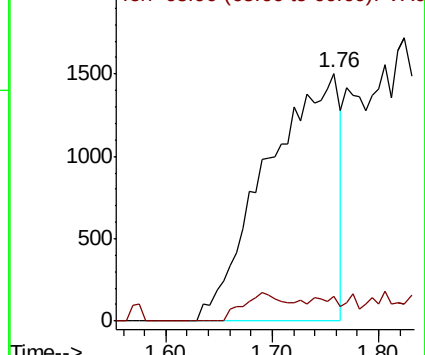
64 100

66 9.8 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 4.811 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019029.D

Acq: 22 Oct 2020 16:00

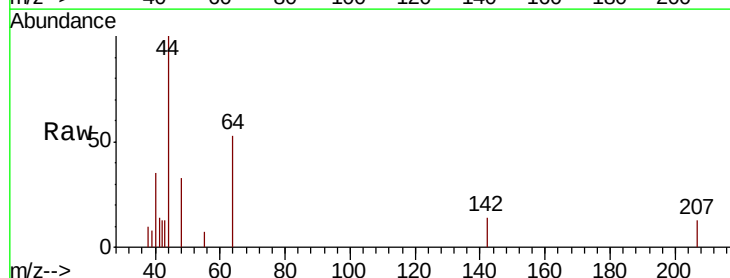
Tgt Ion: 142 Resp: 169

Ion Ratio Lower Upper

142 100

127 0.0 33.6 50.4#

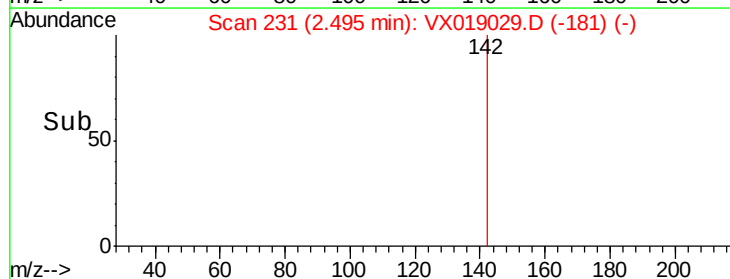
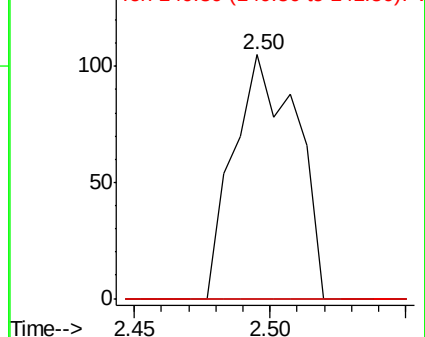
141 0.0 11.2 16.8#

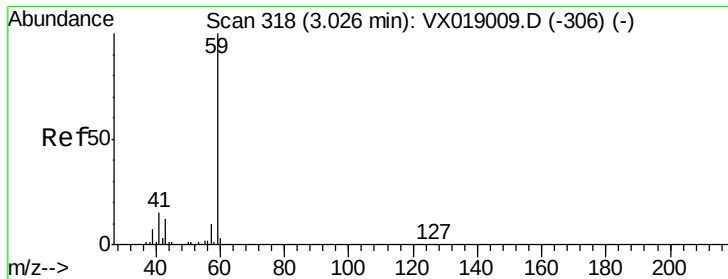


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



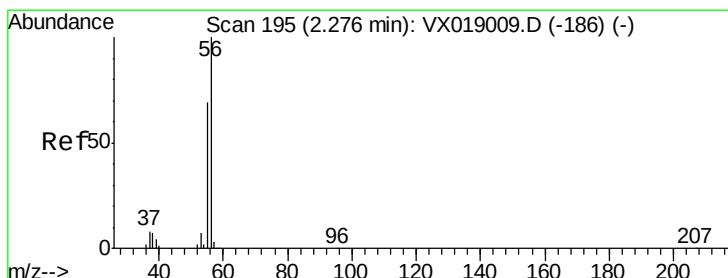
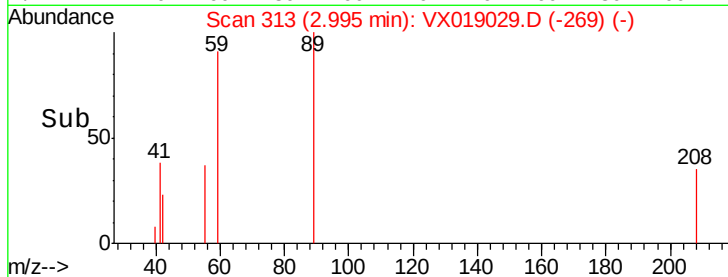
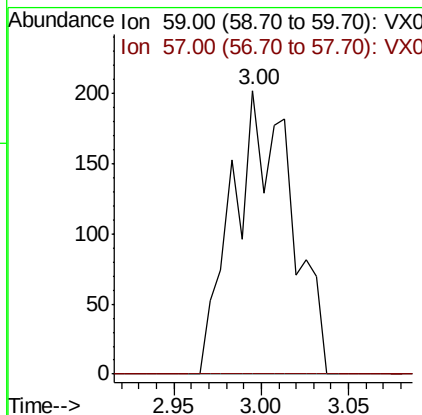
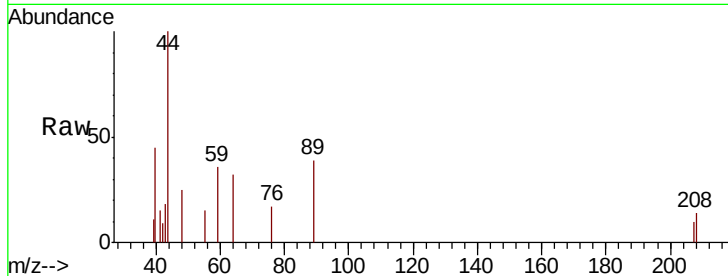


#11

Tert butyl alcohol
 Concen: 0.690 ug/l
 RT: 3.00 min Scan# 313
 Delta R.T. -0.03 min
 Lab File: VX019029.D
 Acq: 22 Oct 2020 16:00

Instrument :
 MSVOA_X
 ClientSampled :
 MW-12

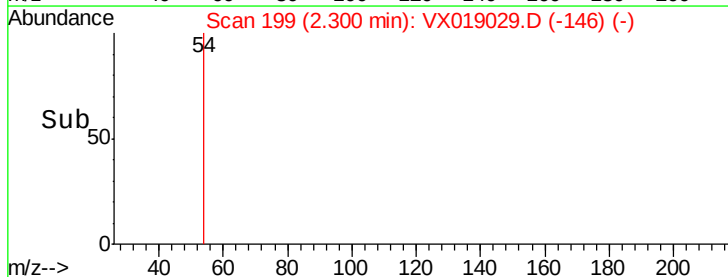
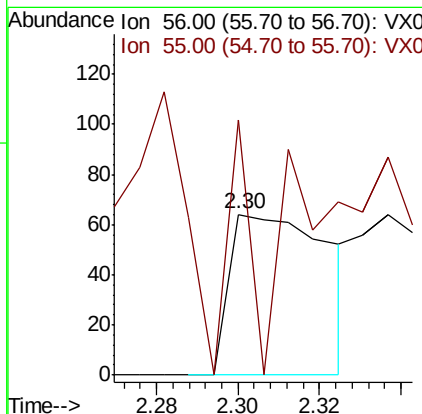
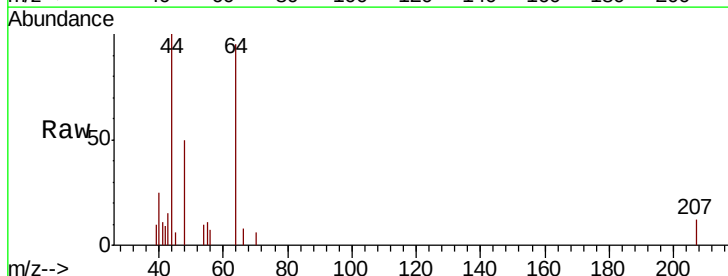
Tot Ion: 59 Resp: 471
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

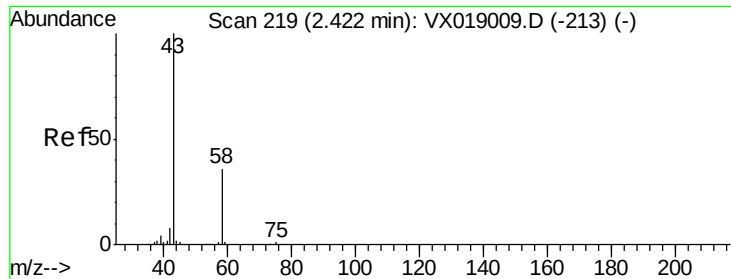


#13

Acrolein
 Concen: 14.018 ug/l
 RT: 2.30 min Scan# 199
 Delta R.T. 0.02 min
 Lab File: VX019029.D
 Acq: 22 Oct 2020 16:00

Tgt Ion: 56 Resp: 107
 Ion Ratio Lower Upper
 56 100
 55 34.6 54.2 81.4#

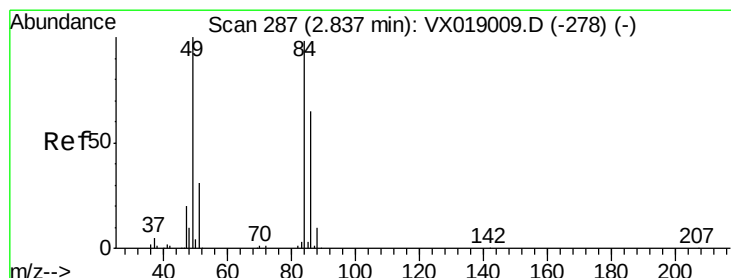
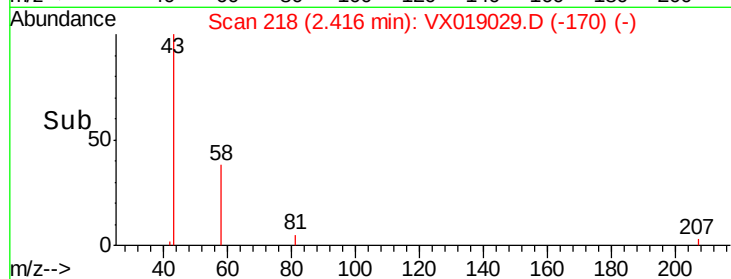
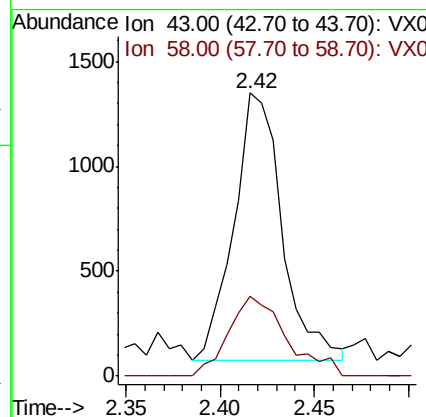
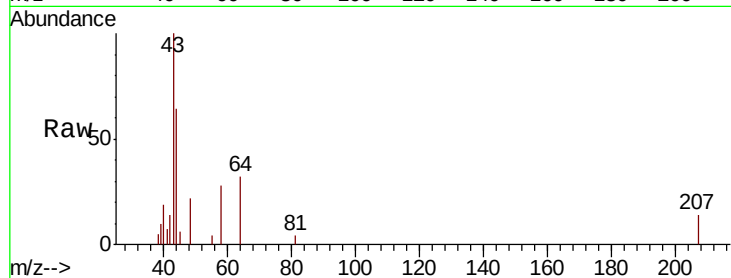




#16
Acetone
Concen: 1.971 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX019029.D
Acq: 22 Oct 2020 16:00

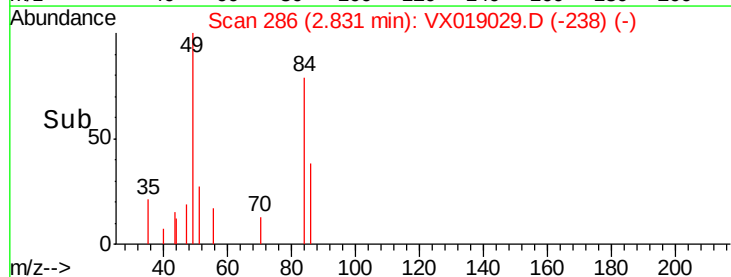
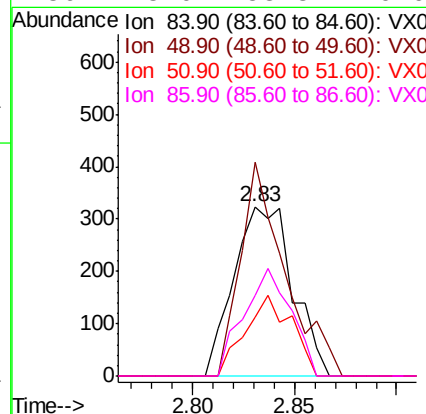
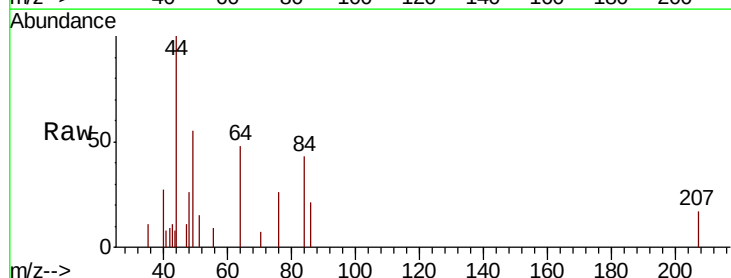
Instrument :
MSVOA_X
ClientSampled :
MW-12

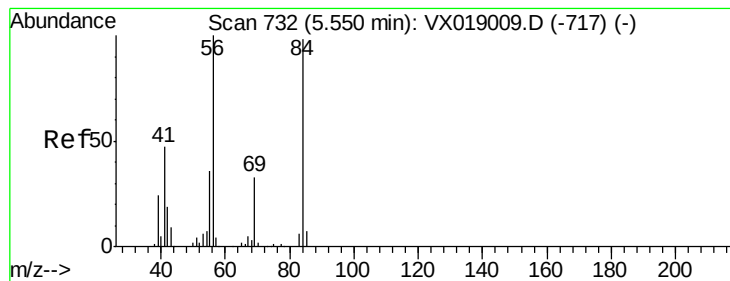
Tot Ion: 43 Resp: 2262
Ion Ratio Lower Upper
43 100
58 29.9 28.6 42.8



#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019029.D
Acq: 22 Oct 2020 16:00

Tgt Ion: 84 Resp: 651
Ion Ratio Lower Upper
84 100
49 126.3 81.6 122.4#
51 34.7 25.6 38.4
86 48.0 53.3 79.9#





#31

Cyclohexane

Concen: 1.433 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX019029.D

Acq: 22 Oct 2020 16:00

Instrument :

MSVOA_X

ClientSampled :

MW-12

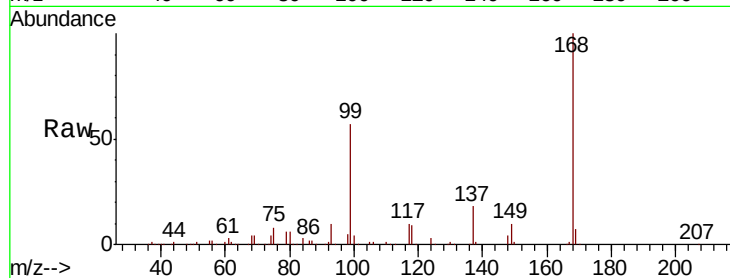
Tot Ion: 56 Resp: 5653

Ion Ratio Lower Upper

56 100

69 164.0 26.2 39.2#

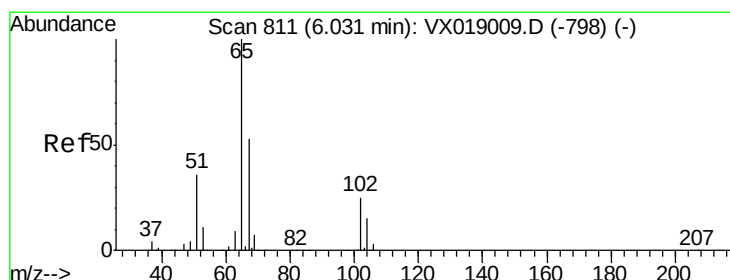
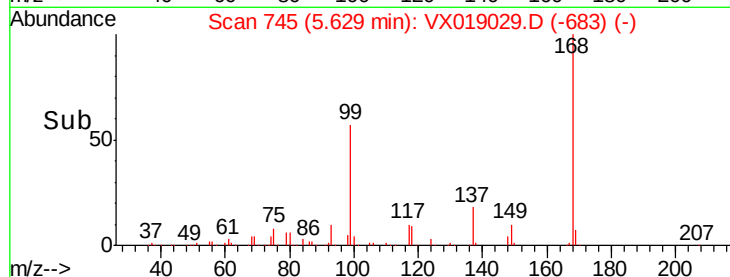
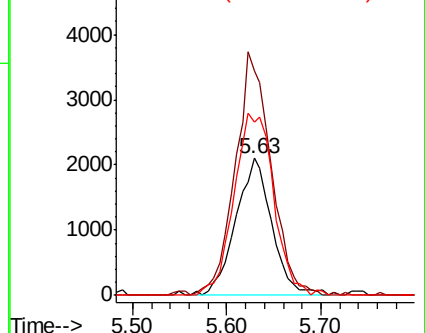
84 126.4 78.3 117.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.169 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019029.D

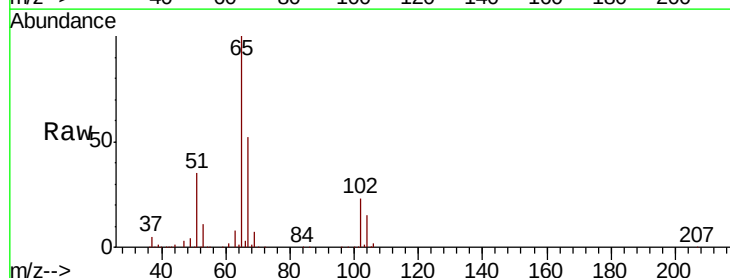
Acq: 22 Oct 2020 16:00

Tgt Ion: 65 Resp: 172372

Ion Ratio Lower Upper

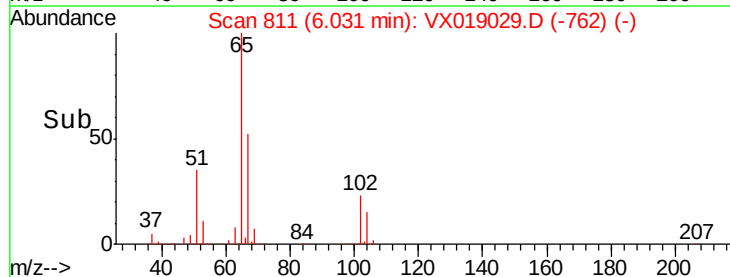
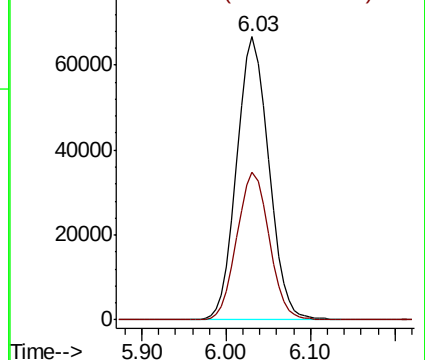
65 100

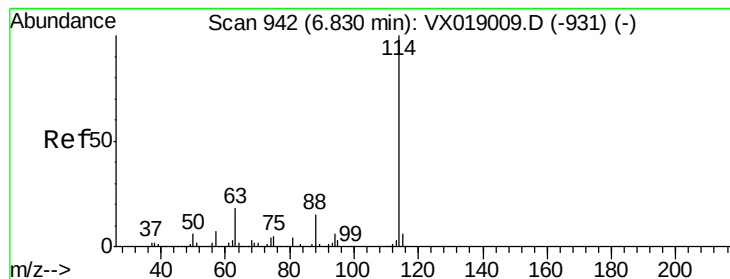
67 52.8 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019029.D

Acq: 22 Oct 2020 16:00

Instrument :

MSVOA_X

ClientSampled :

MW-12

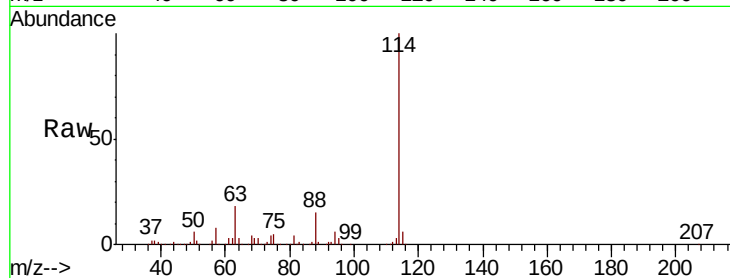
Tot Ion:114 Resp: 489919

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

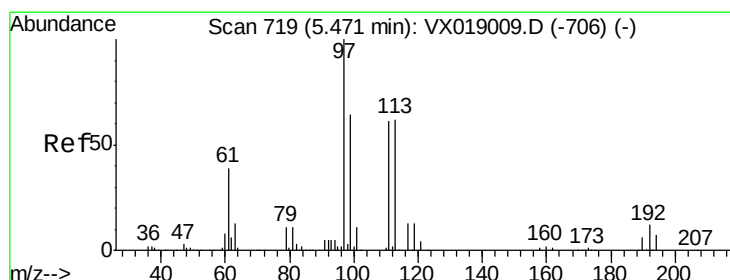
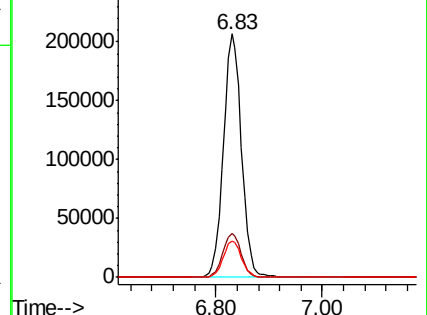
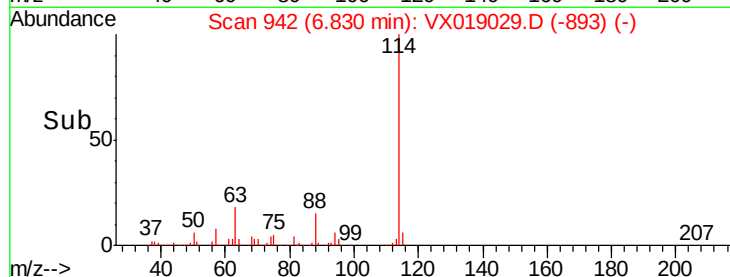
88 15.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.660 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019029.D

Acq: 22 Oct 2020 16:00

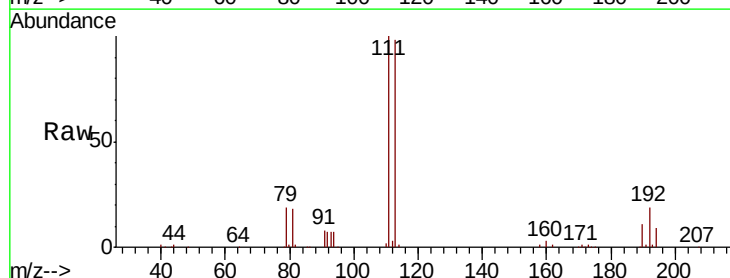
Tgt Ion:113 Resp: 150934

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

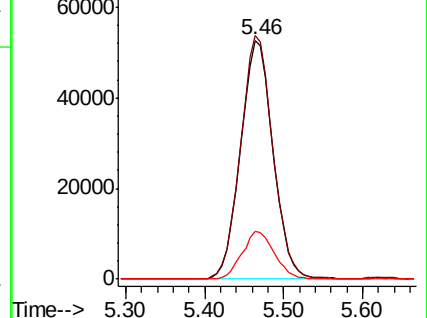
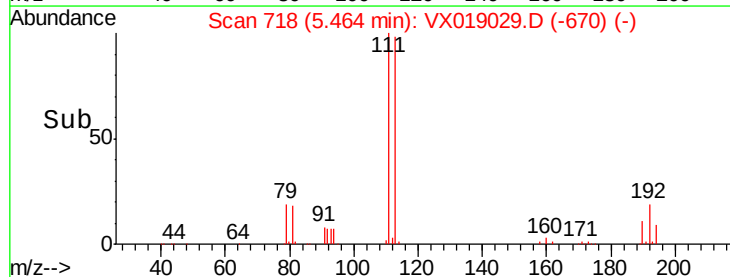
192 19.8 16.3 24.5

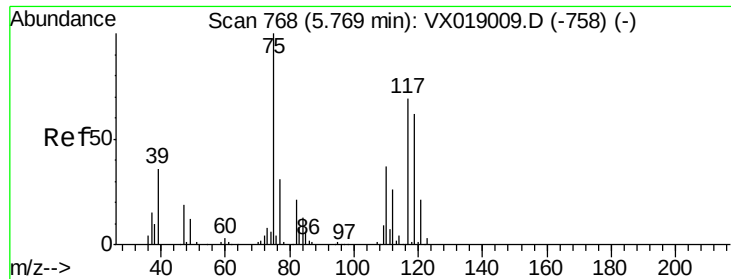


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

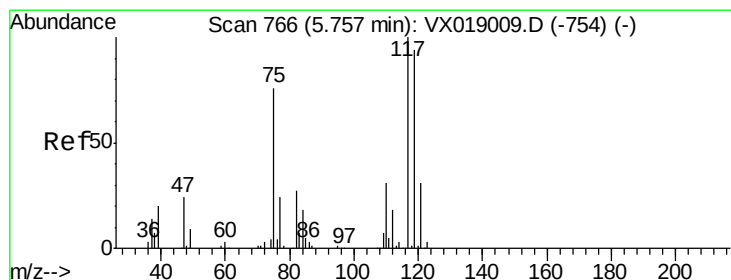
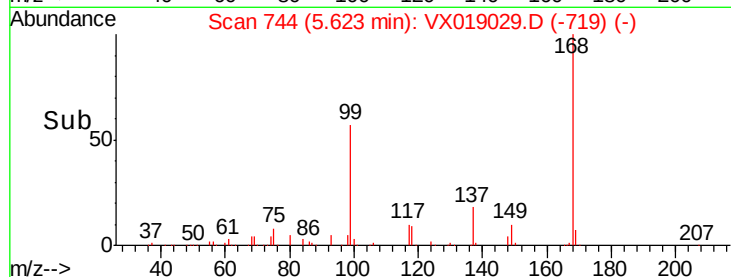
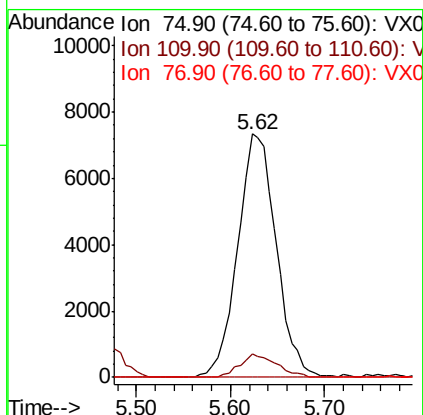
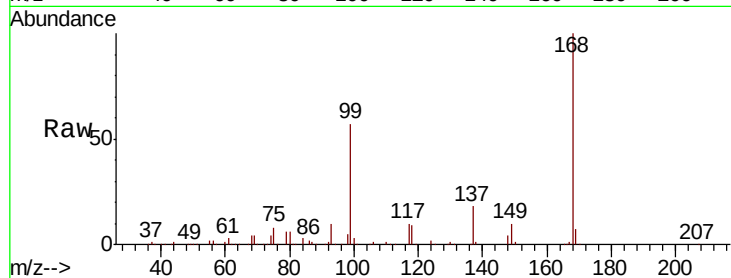




#36
 1,1-Dichloropropene
 Concen: 4.775 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX019029.D
 Acq: 22 Oct 2020 16:00

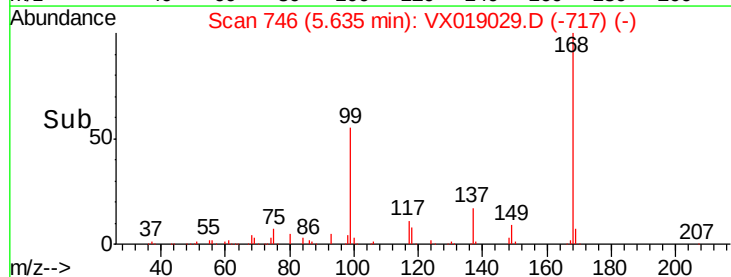
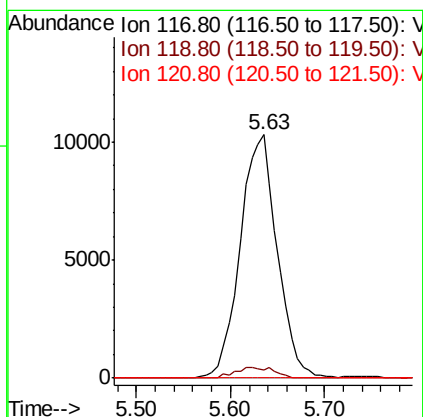
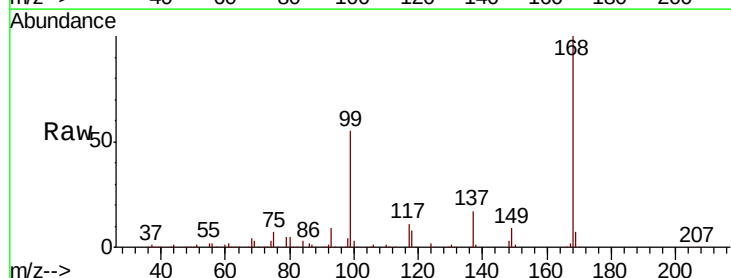
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

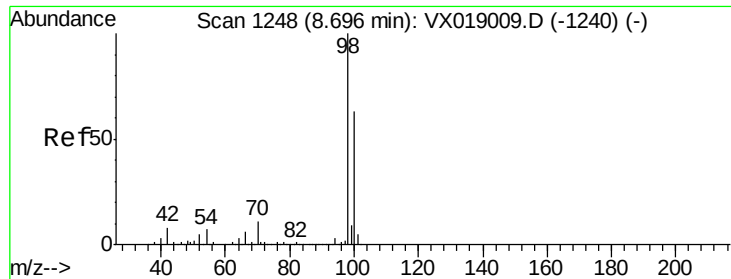
Tot Ion	75	Resp	20989
Ion Ratio	100	Lower	Upper
110	9.2	19.4	58.2#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 6.151 ug/l
 RT: 5.63 min Scan# 746
 Delta R.T. -0.12 min
 Lab File: VX019029.D
 Acq: 22 Oct 2020 16:00

Tgt Ion	117	Resp	28383
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	3.5	75.4	113.0#
121	0.0	25.0	37.6#

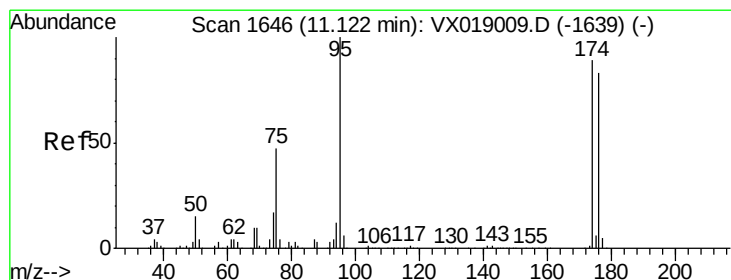
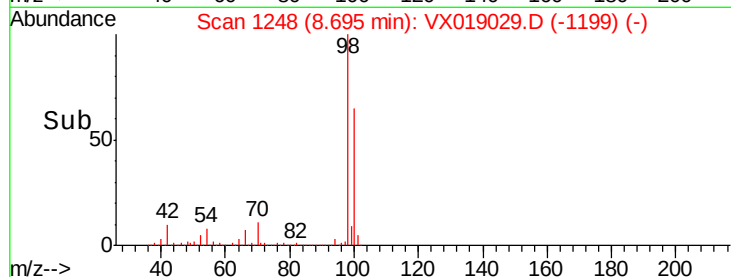
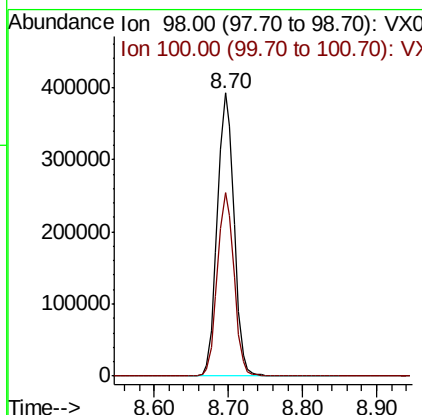
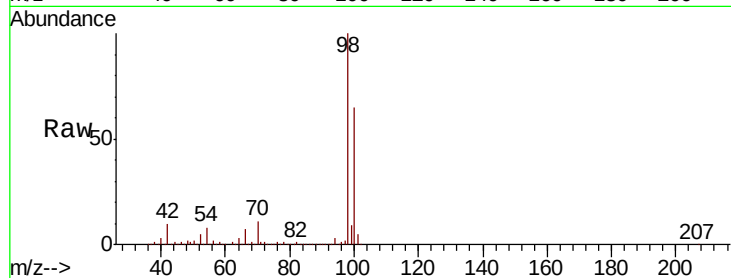




#50
Toluene-d8
Concen: 51.354 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019029.D
Acq: 22 Oct 2020 16:00

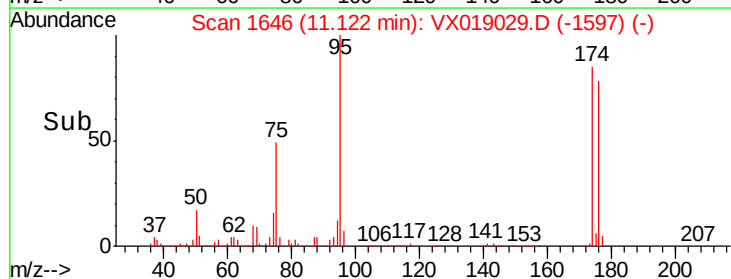
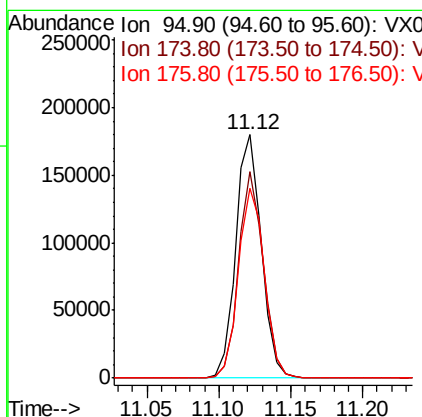
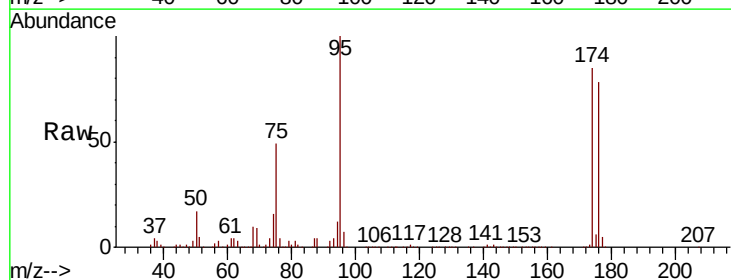
Instrument :
MSVOA_X
ClientSampleId :
MW-12

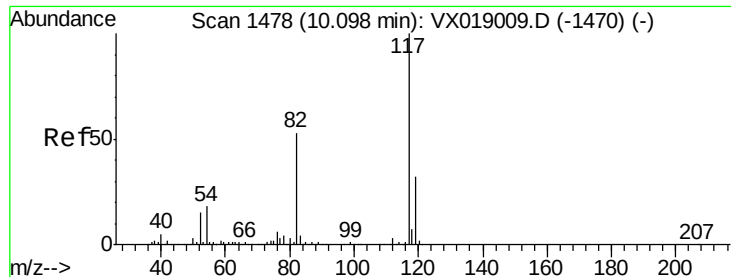
Tot Ion: 98 Resp: 607866
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 53.043 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019029.D
Acq: 22 Oct 2020 16:00

Tgt Ion: 95 Resp: 223331
Ion Ratio Lower Upper
95 100
174 81.8 0.0 167.6
176 79.0 0.0 165.2

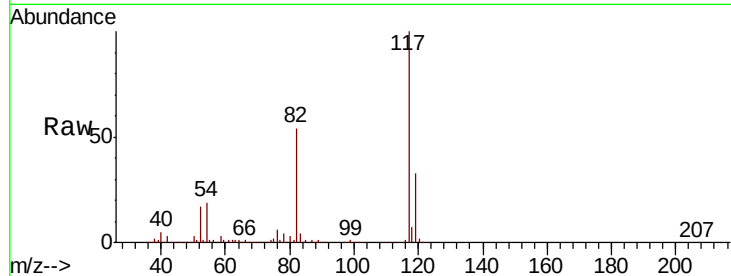




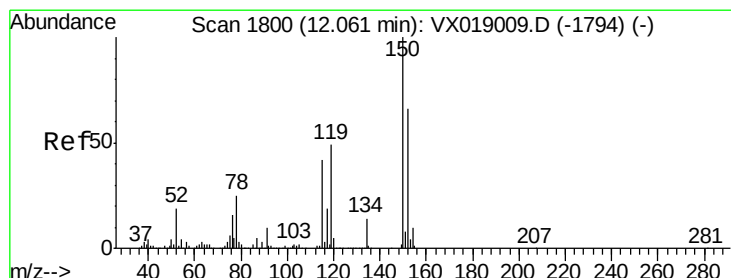
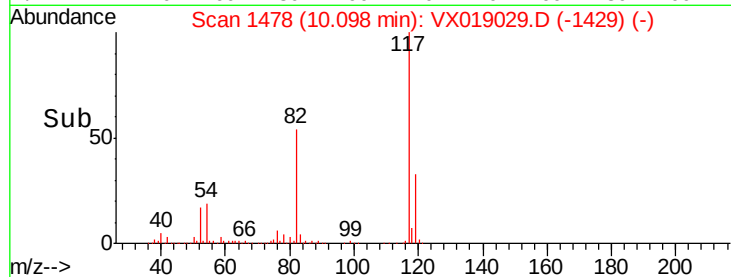
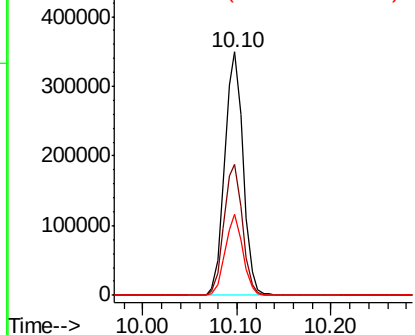
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019029.D
Acq: 22 Oct 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tot Ion:117 Resp: 473673
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 33.1 25.6 38.4

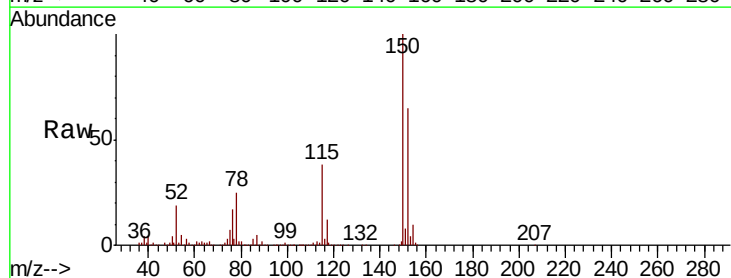


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

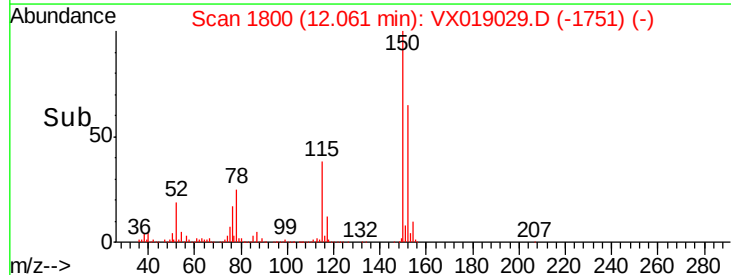
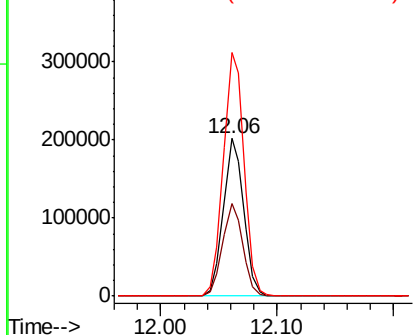


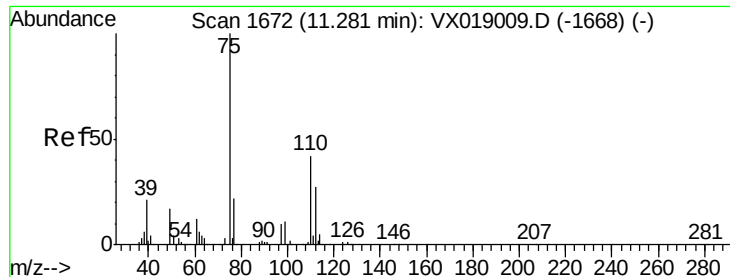
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019029.D
Acq: 22 Oct 2020 16:00

Tgt Ion:152 Resp: 243246
Ion Ratio Lower Upper
152 100
115 58.2 40.8 122.5
150 157.8 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.913 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019029.D

Acq: 22 Oct 2020 16:00

Instrument :

MSVOA_X

ClientSampleId :

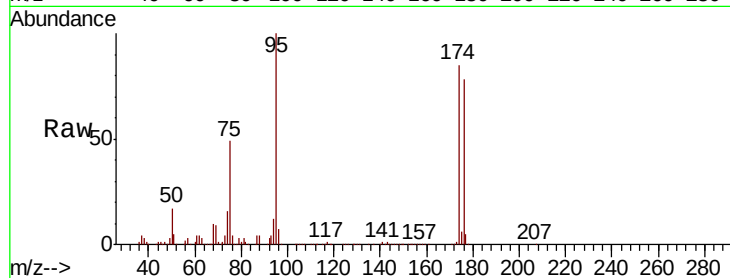
MW-12

Tot Ion: 75 Resp: 111396

Ion Ratio Lower Upper

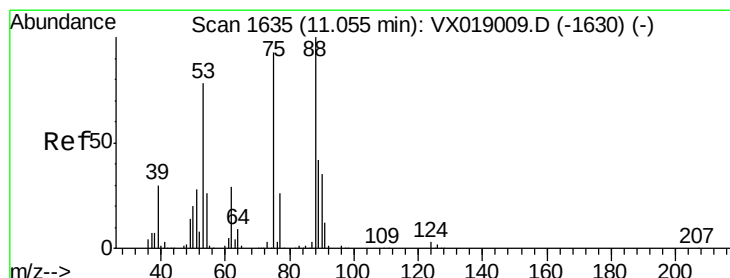
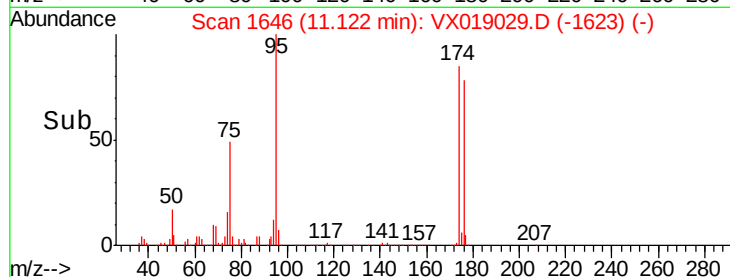
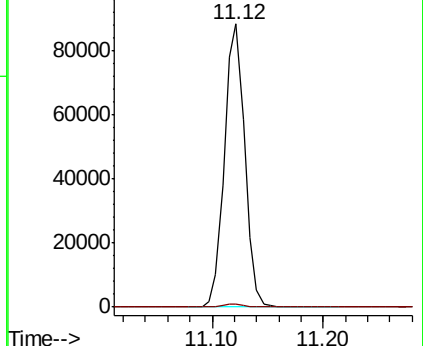
75 100

77 1.1 20.7 62.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 58.376 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019029.D

Acq: 22 Oct 2020 16:00

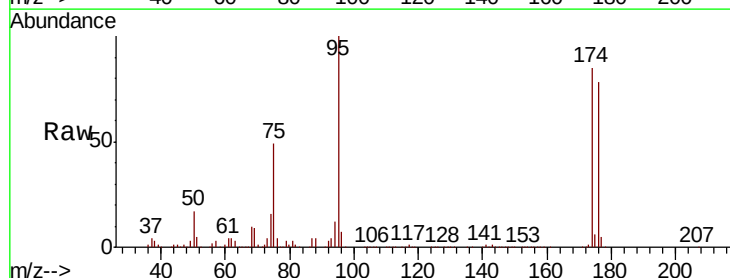
Tgt Ion: 75 Resp: 111396

Ion Ratio Lower Upper

75 100

53 0.0 67.4 101.2#

89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

